



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoko Shitagaki et al. Art Unit : Unknown  
Serial No. : 10/706,291 Examiner : Unknown  
Filed : November 13, 2003 Confirmation No.: Unknown  
Title : QUINOXALINE DERIVATIVES, ORGANIC SEMICONDUCTOR DEVICE  
AND ELECTROLUMINESCENT DEVICE (AS AMENDED)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

Submitted herewith is an English translation of the following foreign language references, or portions thereof:

Desig. ID	Source
AE	CH 599569: In English, family to US 3,765,898 (Desig. ID "AA")
AF	JP 05 22218: English abstract, File 352, Derwent WPI, Accession No. 009615701, (2004)
AG	JP 09 188874: In English abstract, File 353, Derwent WPI, Accession No. 011442799 (2004)
AH	JP 54 005293: English, File 345, Inpadoc/Fam.& Legal Stat (2004), Accession No. 3119289 (2004) and family to US 4,286,479 (Desig. ID "AB")
AI	JP 64 057261: English abstract, File 352, Derwent WPI, Accession No. 007845735 (2004)
AJ	JP 64 063971: English abstract, File 353, Derwent WPI, Accession No. 007853259 (2004)
AK	JP 2003 040873: English abstract, File 353, Derwent WPI, Accession No. 015222228 (2004)
AL	WO 02/094796 A2: In English

This statement is being filed before the receipt of a first Office action on the merits.

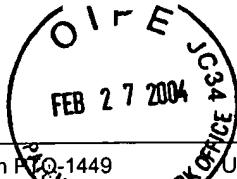
Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 2/27/04

  
John F. Hayden  
Reg. No. 37,640

Customer No.: 26171  
Fish & Richardson P.C.  
1425 K Street, N.W., 11th Floor  
Washington, DC 20005-3500  
Telephone: (202) 783-5070  
Facsimile: (202) 783-2331  
40204723.doc



Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-174001	Application No. 10/706,291
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Satoko Shitagaki et al.		
		Filing Date November 13, 2003	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,765,898	10/16/73	Bauer, et al.			
	AB	4,286,479	09/01/81	Baumann, et al.			
	AC	6,482,949	11/19/02	Sessler, et al.			
	AD	2003/0162960	08/28/03	Sessler, et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AE	CH 599569	05/31/78	Switzerland			ABS
	AF	JP 05 222181	08/31/93	Japan			ABS
	AG	JP 09 188874	07/22/97	Japan			ABS
	AH	JP 54 005293	01/16/79	Japan			X
	AI	JP 64 057261	03/03/89	Japan			ABS
	AJ	JP 64 063971	03/09/89	Japan			ABS
	AK	JP 2003 040873	02/13/03	Japan			ABS
	AL	WO 02/94796 A2	11/28/02	PCT/WIPO			English

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AM	International Application No. PCT/JP03/13764 Search and Examination Report dated 12/09/03.
	AN	Alkhathlan, et al., "Spectroscopic Studies of Benzimidazole, Quinoxaline and Quinoline Derivatives", <u>Journal of Chemical Research Synopses</u> , No. 1, pp. 10-11 (1995)
	AO	Alkhathlan, et al., "Spectroscopic Studies of Benzimidazole, Quinoxaline and Quinoline Derivatives", <u>Journal of Chemical Research (M)</u> , pp. 201-220 (1995)
	AP	Chemical Abstract, Vol. 55; pp. 1961-1962 (19934I-19935A-C)
	AQ	Cohen, et al., "New Polyheterocyclic 4nπ-Electron Dianions: Paratropicity, Charge Delocalization, and Reactions", <u>Journal of the American Chemical Society</u> , Vol. 108/No. 22, pp. 7039-7044 (1986)
	AR	Guldi, et al., "Intramolecular Energy Transfer in Fullerene Pyrazine Dyads", <u>Journal of Physical Chemistry A</u> , Vol. 102/No. 48, pp. 9679-9685 (1998)
	AS	Schürmann, et al., "Ultraviolet Photoelectron Spectroscopic Study of Heterocyclic Model Compounds for Electroluminescent Devices", <u>Synthetic Metals</u> , Vol. 102, pp. 1069-1070 (1999)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	